

14/B



146.1358

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : N.P. Huynh
S. KAWAI et al :
Serial No.: 09/701,121 : Group: 1644
Filed: November 20, 2000 :
For: MONOMER...CARTILAGE AND BONE :

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OCT 15 2002

TECH CENTER 1600/2900

600 Third Avenue
New York N.Y. 10016
October 8, 2002

RULE 116 AMENDMENT

Asst. Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the office action of April 9, 2002, please amend
this application as follows:

IN THE CLAIMS:

Cancel claims 1 to 5, 11 and 12 and add the following claims:

--13. An MP52 protein wherein the cysteine related to dimer
formation has been replaced by an amino acid selected from the
group consisting of serine, threonine, alanine and valine.

14. The MP52 protein according to claim 13, comprising an
amino acid sequence as shown in SEQ ID No: 2 of the sequence
listing.--

Claim 6 (amended) An agent comprising the monomer protein of
claim 13 containing an effective amount of the monomer protein for
preventing and treating a disease affecting bone and/or cartilage.